

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

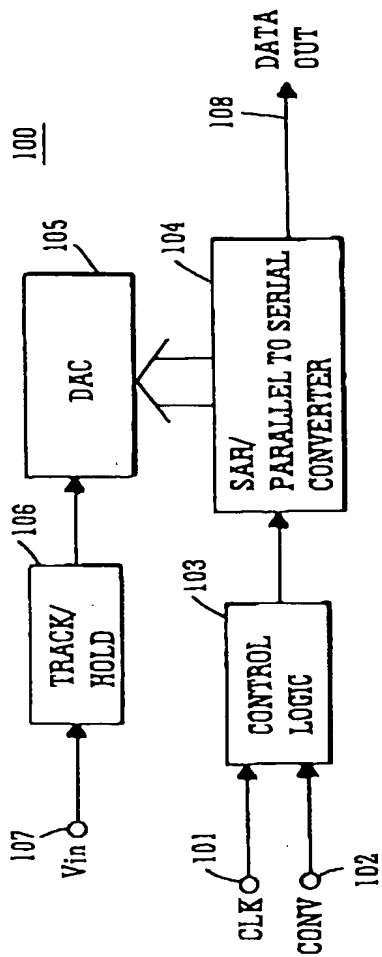
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

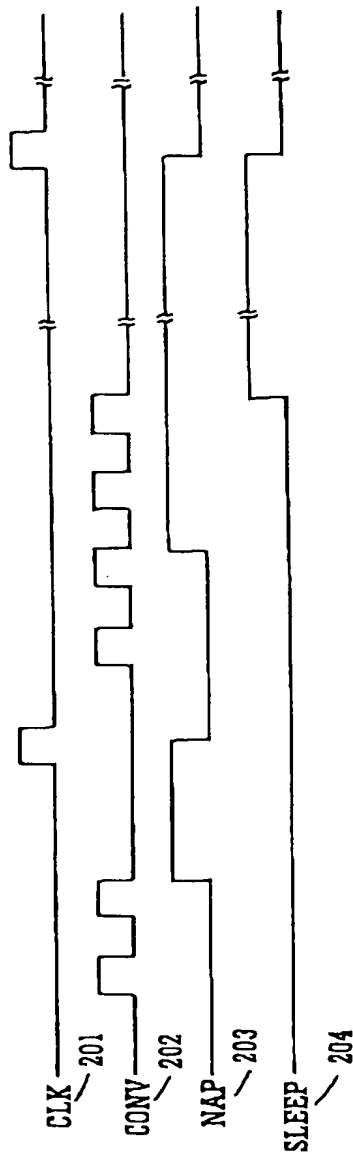
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



PRIOR ART  
FIG. 1



PRIOR ART  
FIG. 2

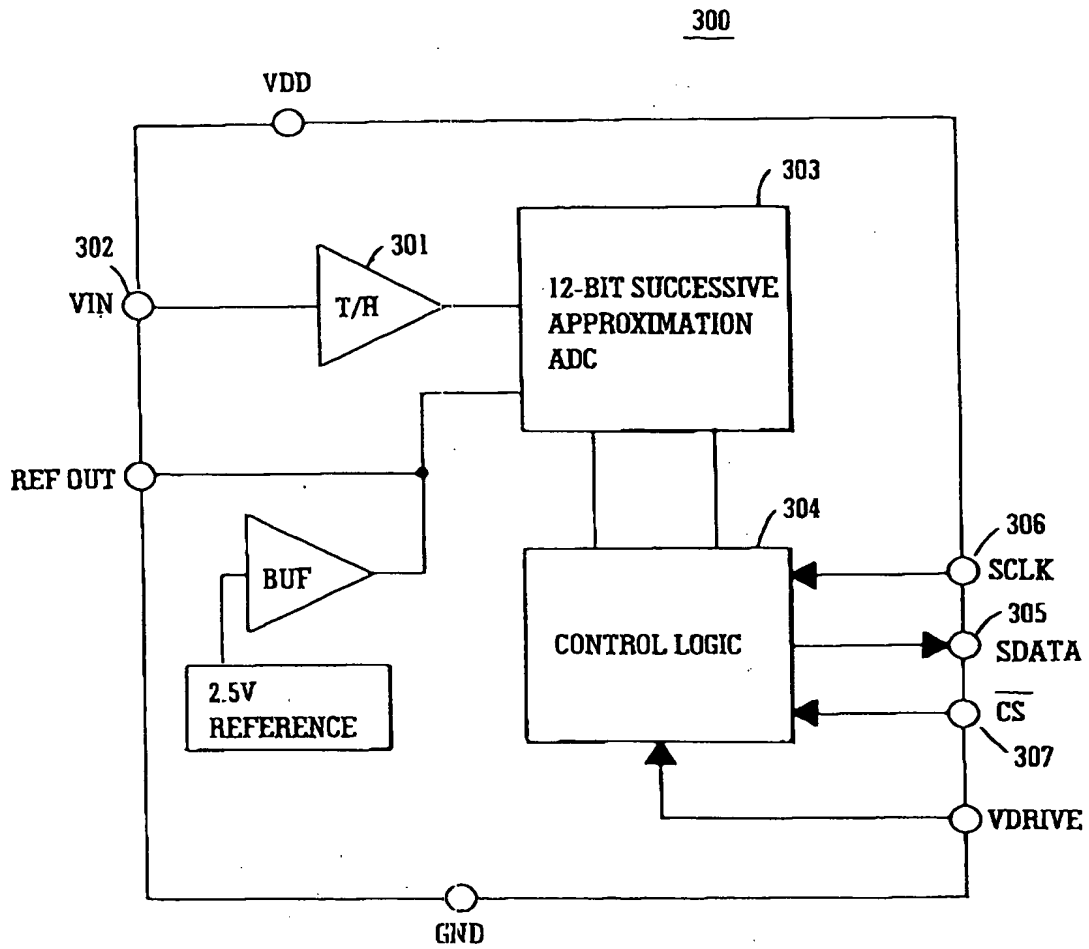


FIG. 3

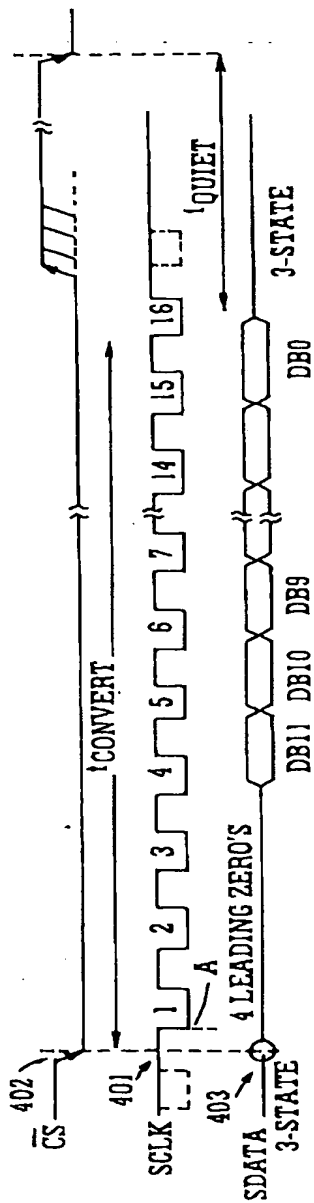


FIG. 4

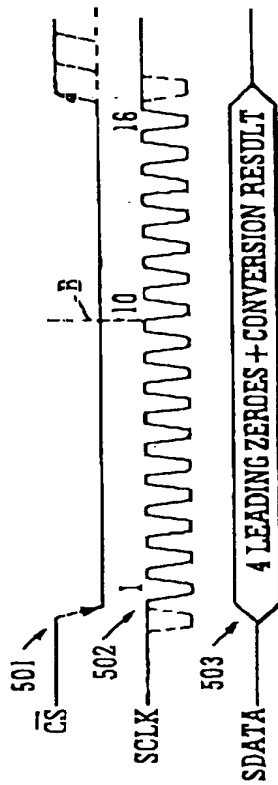


FIG. 5

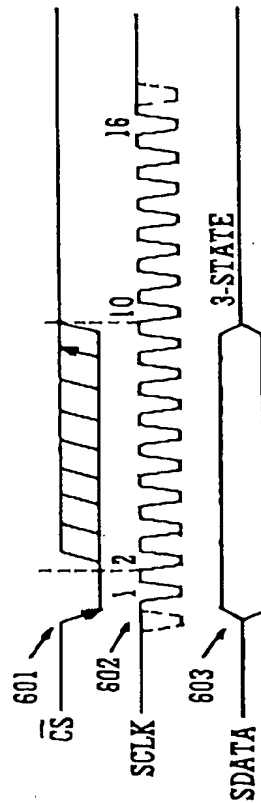
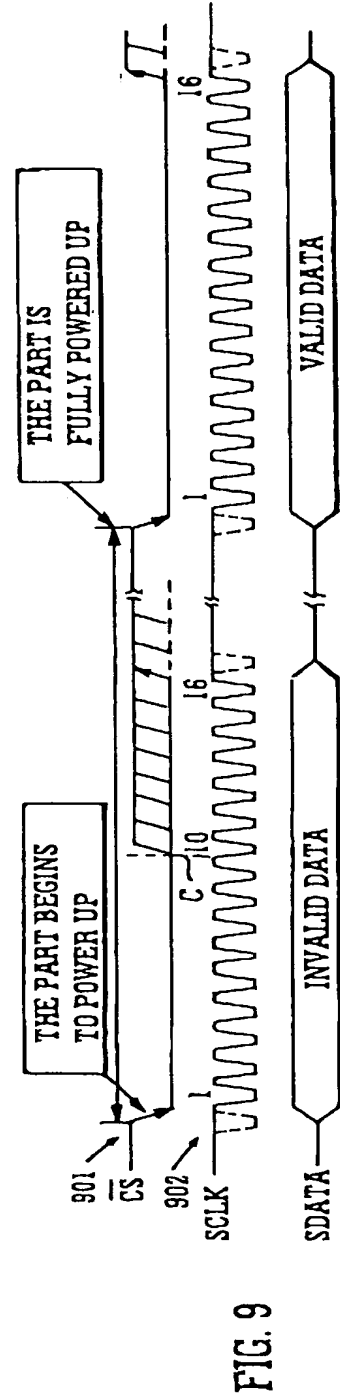
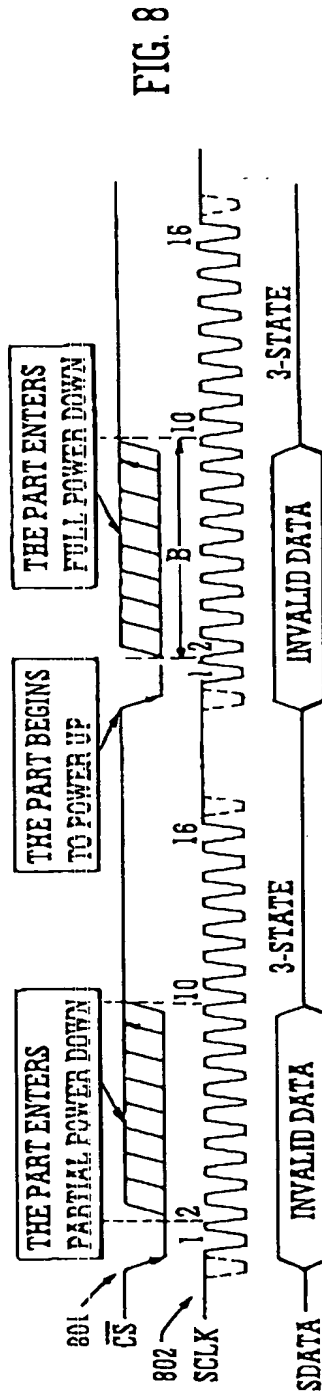
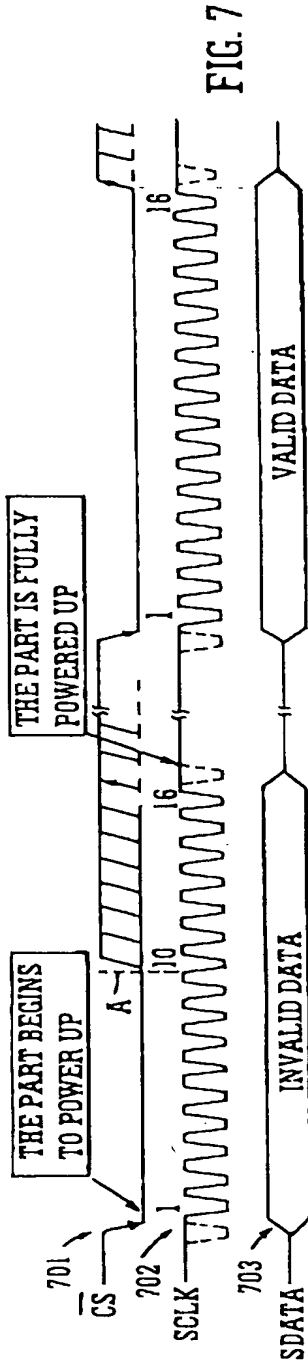


FIG. 6



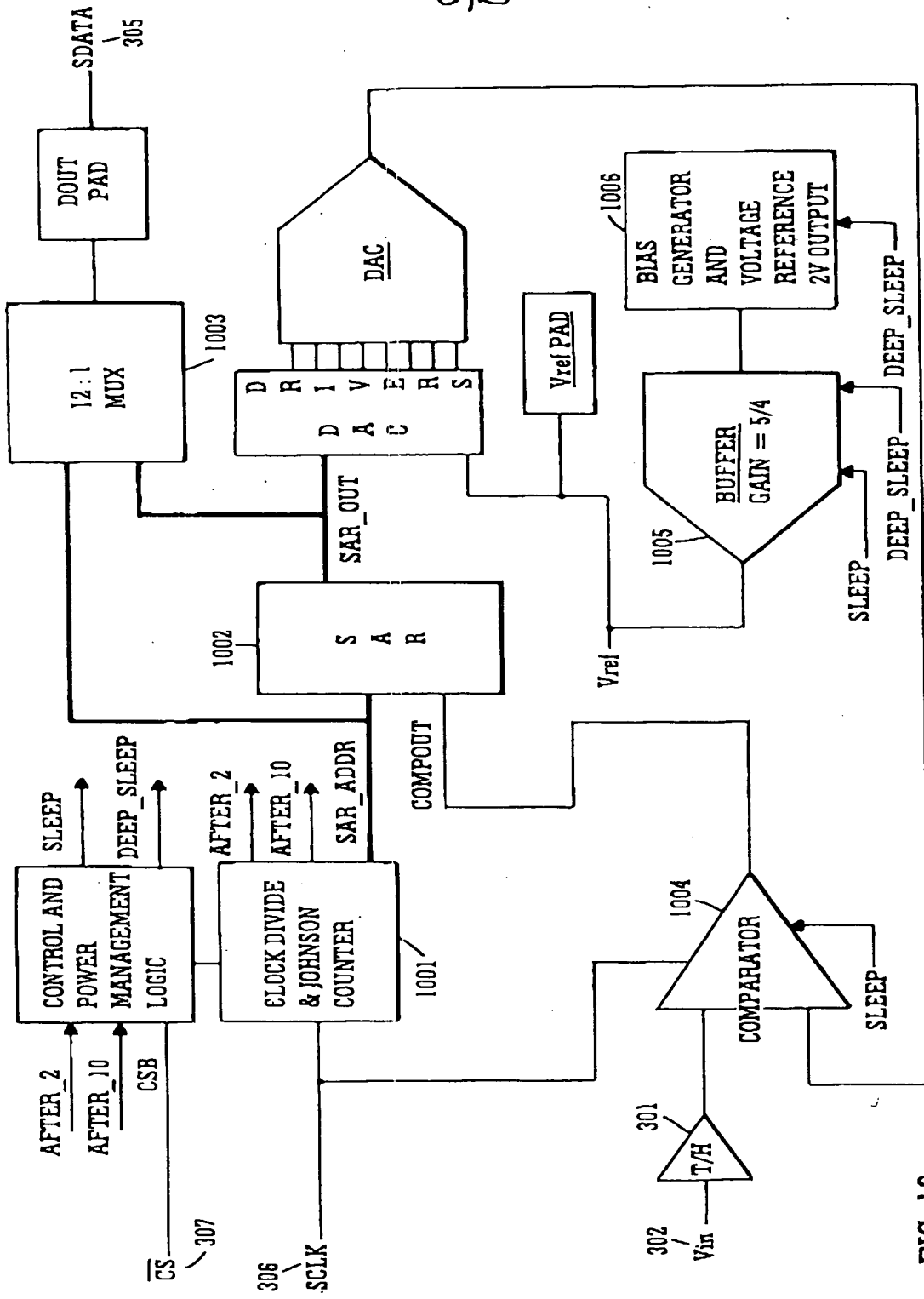


FIG. 10

6/13

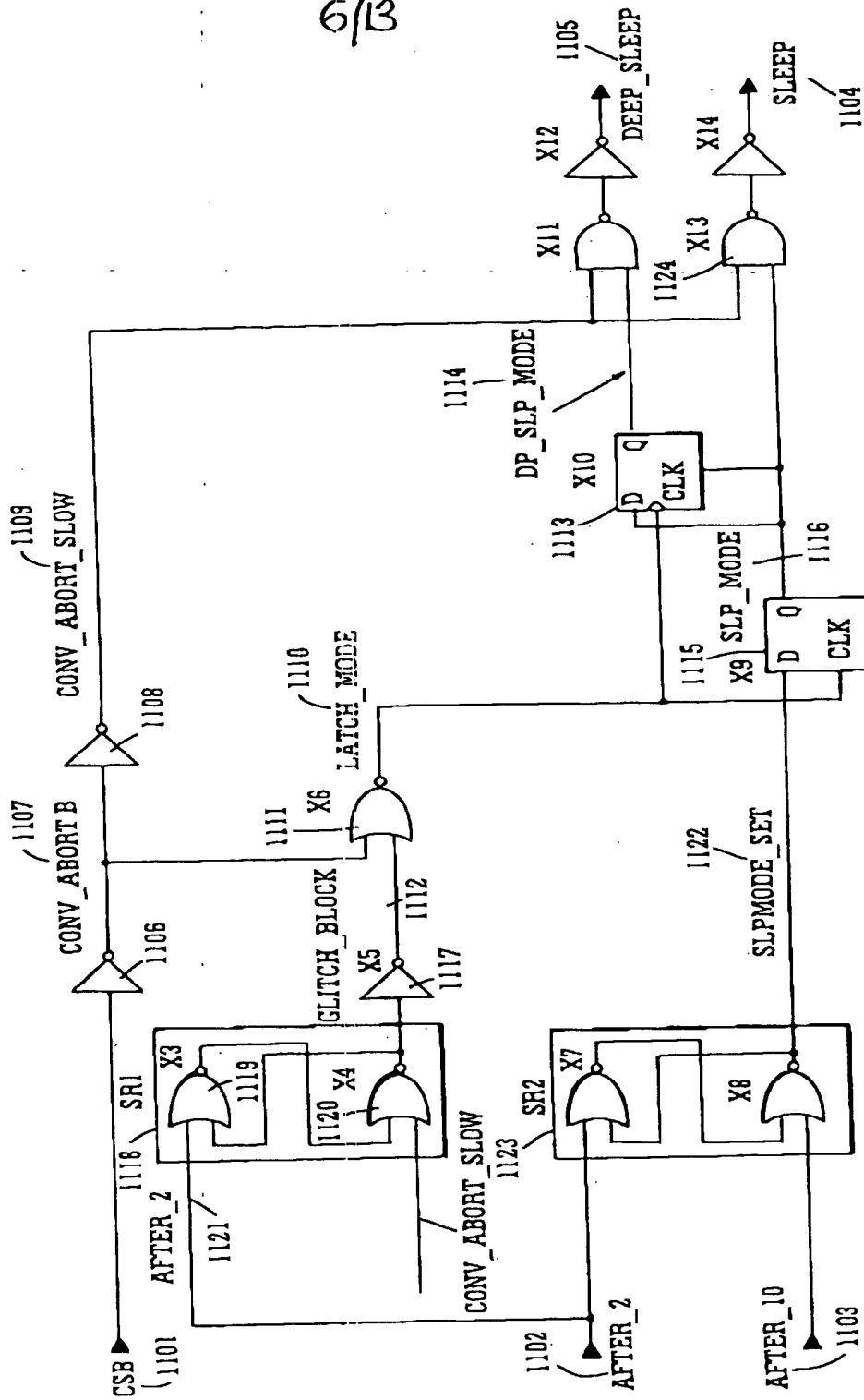


FIG. 11

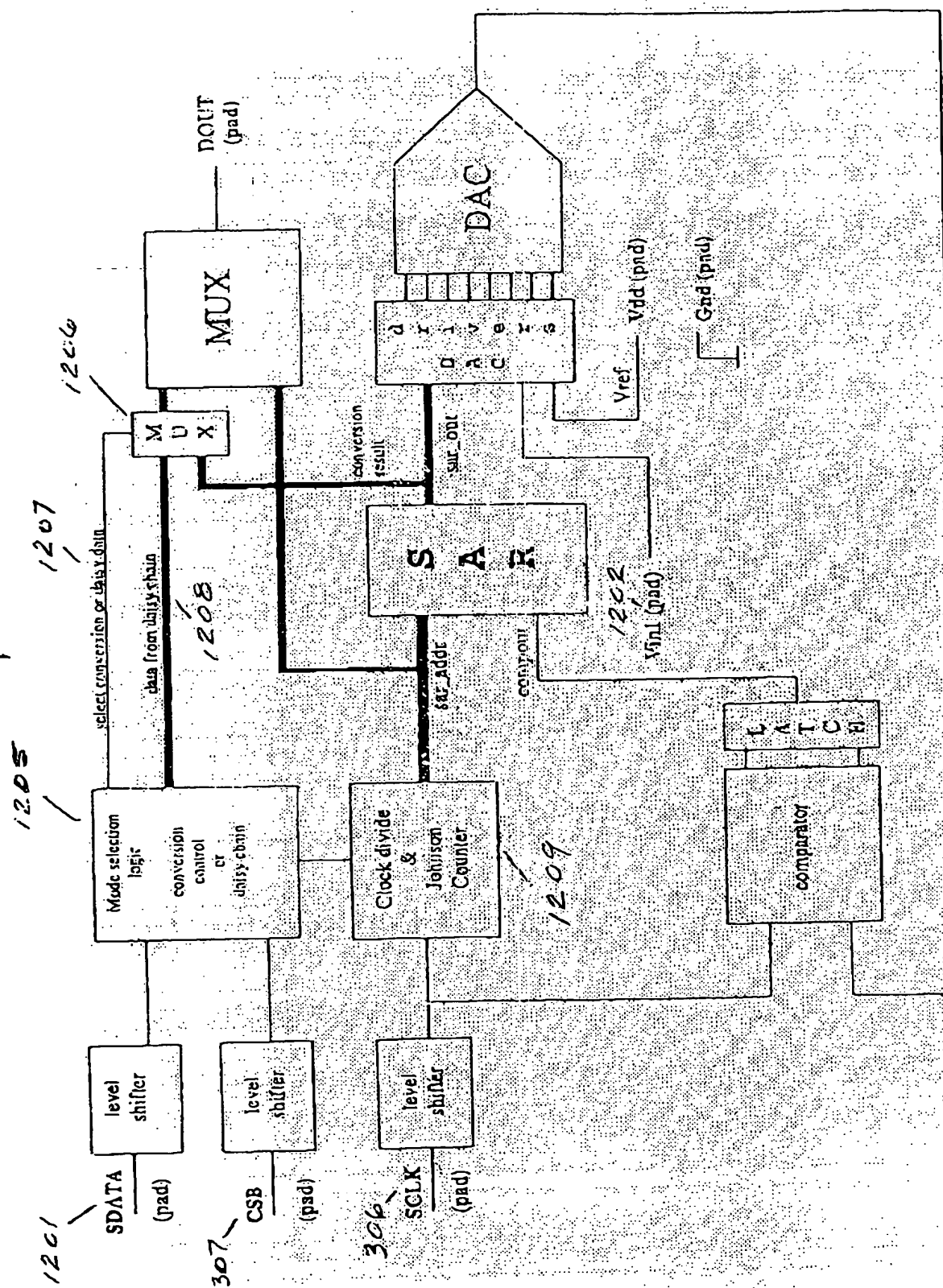
$$\frac{7}{13}$$


Fig. 12

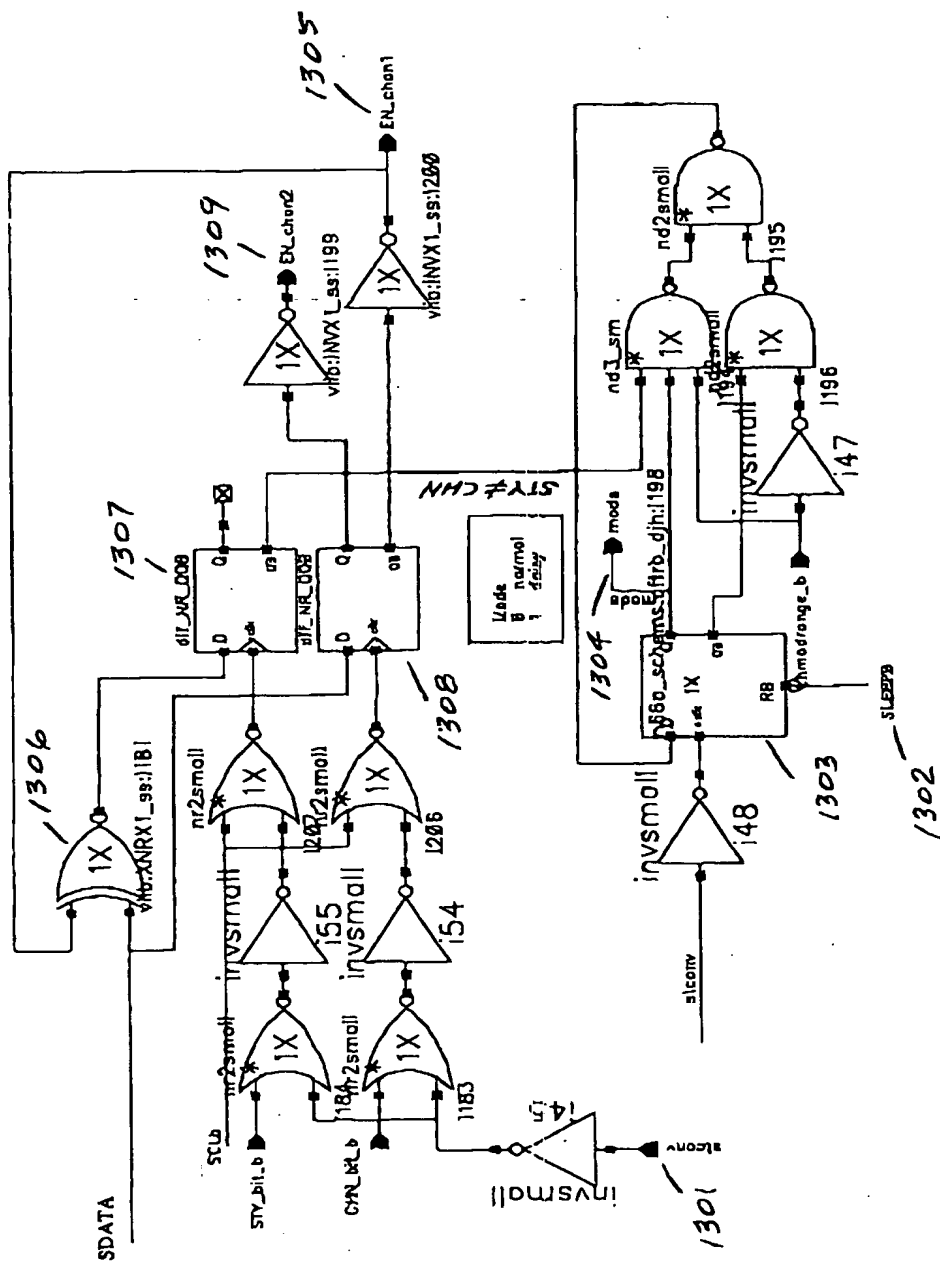
$$\frac{13}{8}$$


Fig. 13

9/13

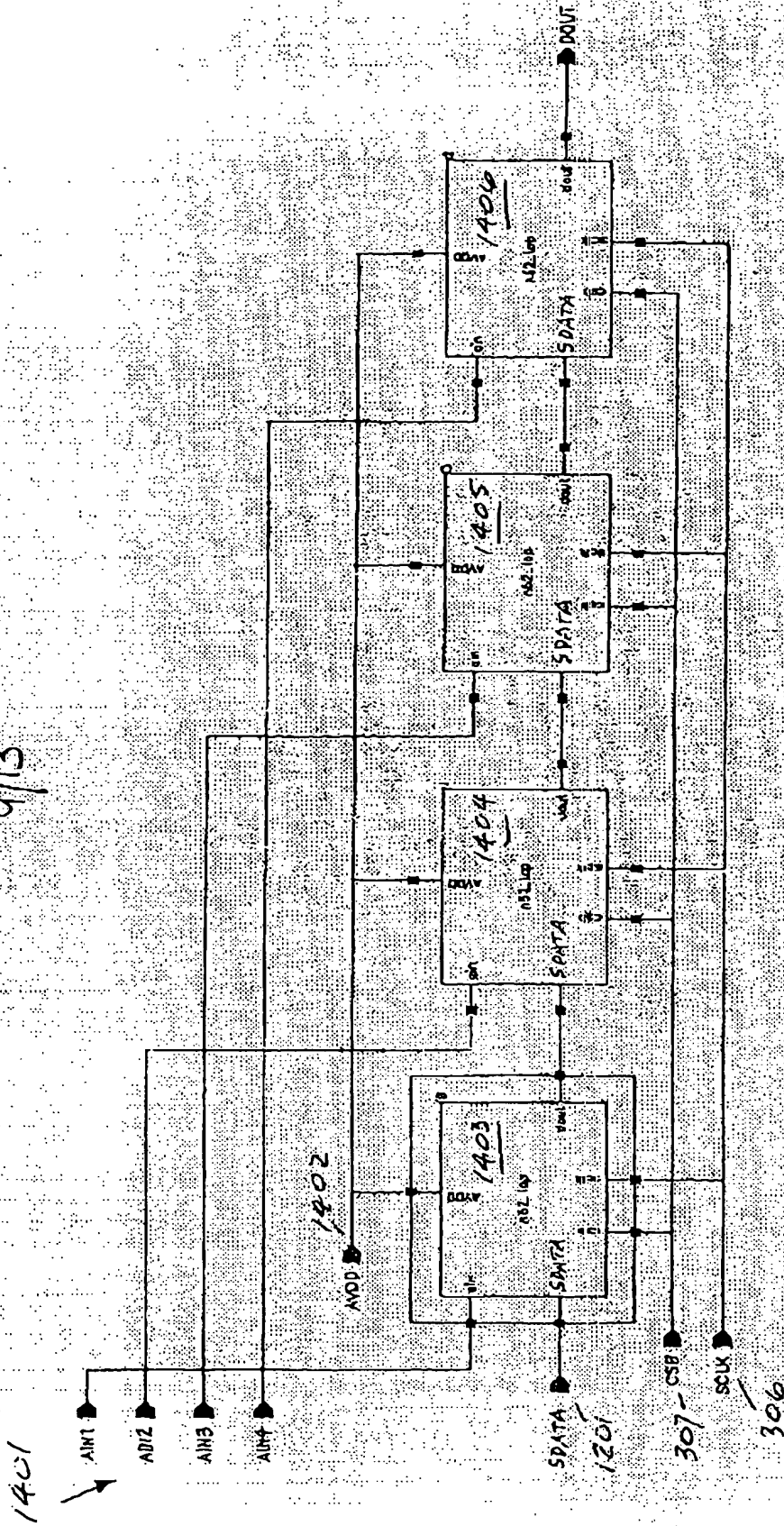


FIG. 14

10/13

Input data word format

0	0	CHN <sub>i</sub>	STY	<data>
---	---	------------------	-----	--------

FIG 15

Output data word format

0	0	CHN <sub>o</sub>	MOD	<data>
---	---	------------------	-----	--------

FIG 16

11/13

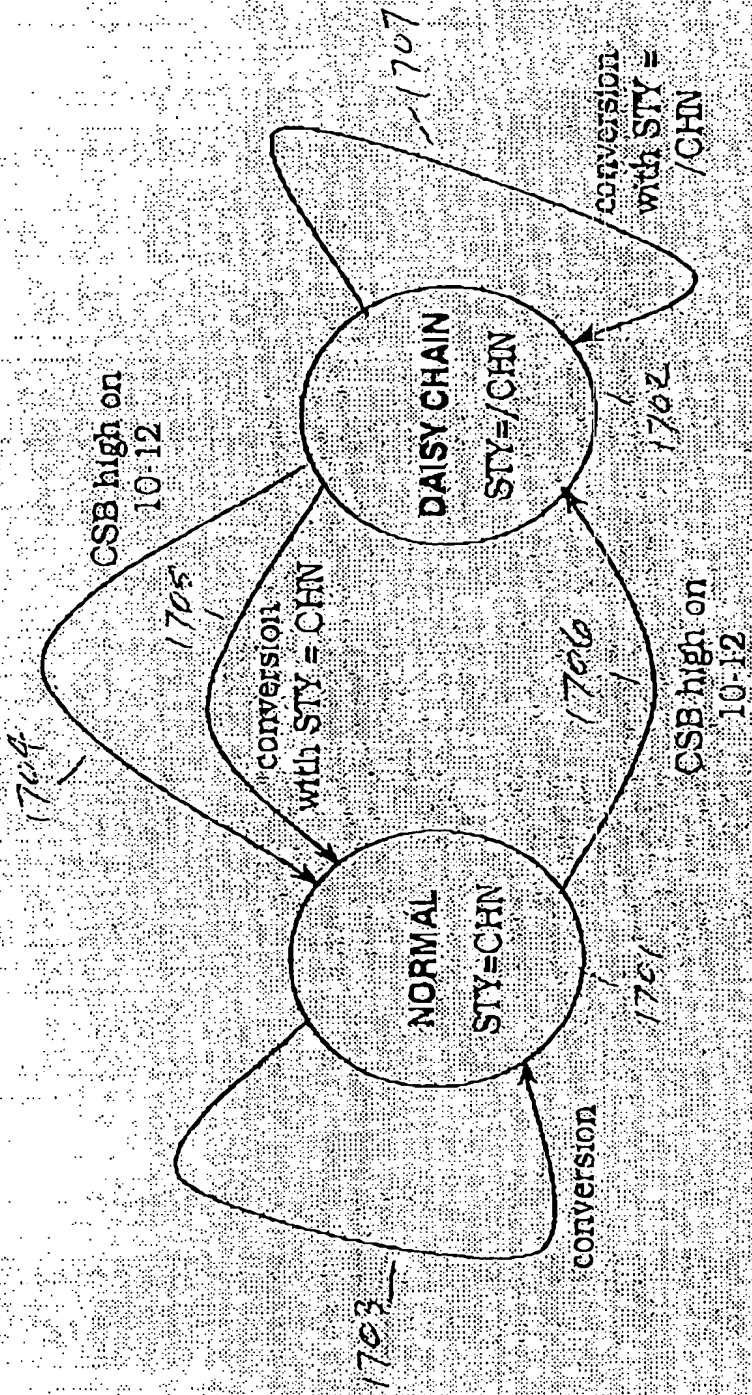
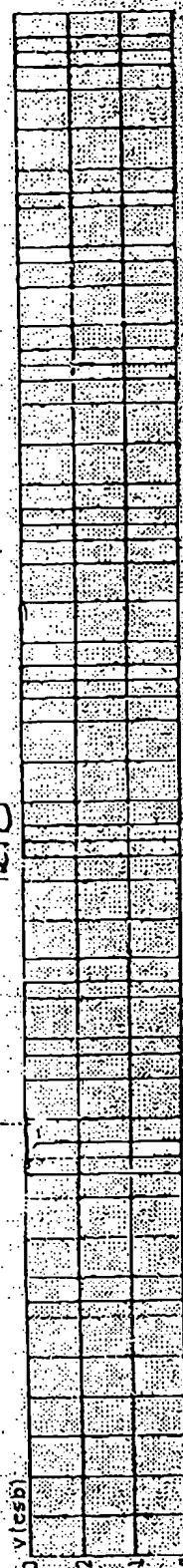
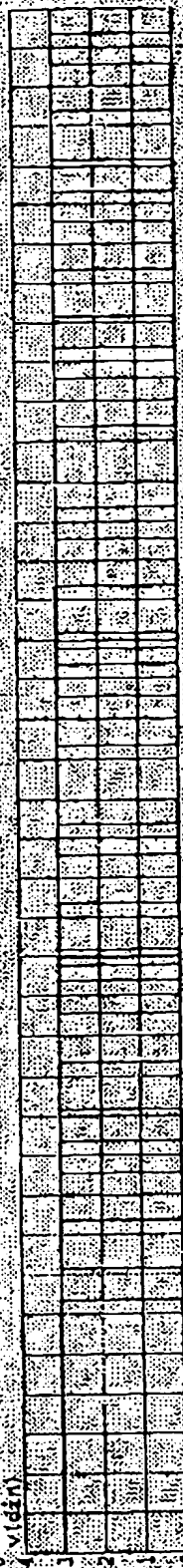


FIG. 17

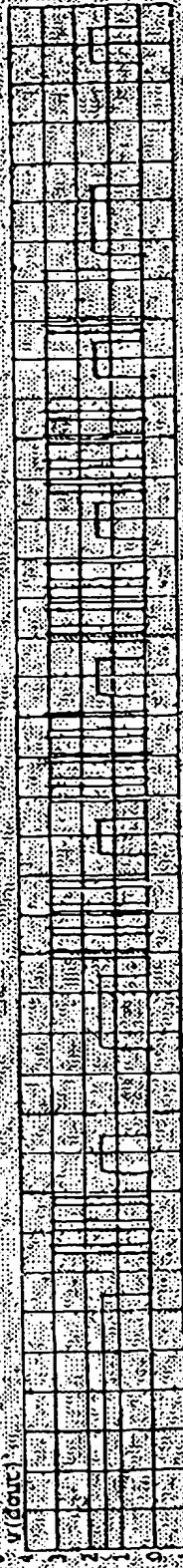
12/13



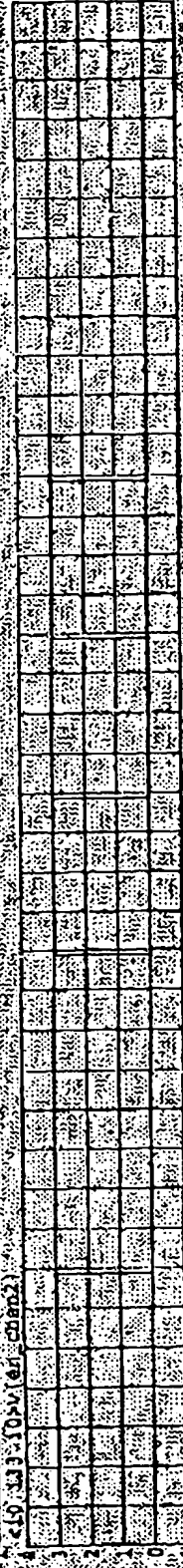
1801 →



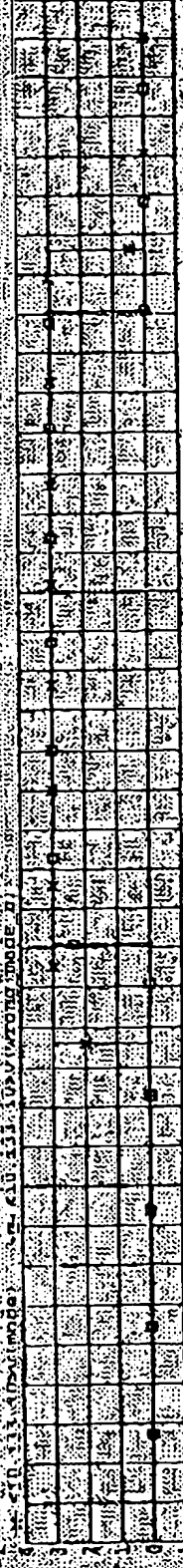
1802 →



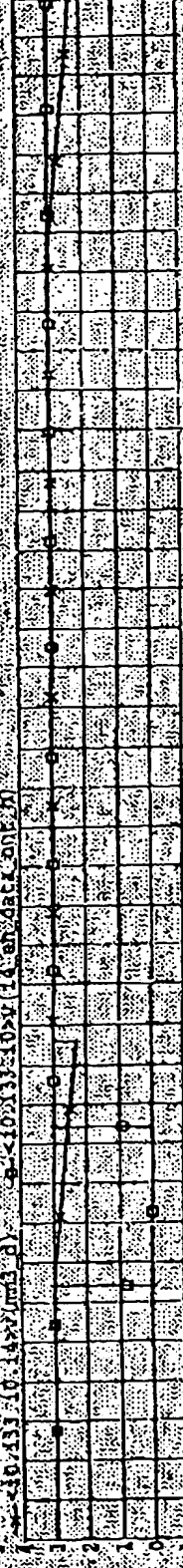
1803 →



1804 →



1805 →



1806 →

TIME  
7.5

A B C D E F G H I

F/G:18

13/13

1901

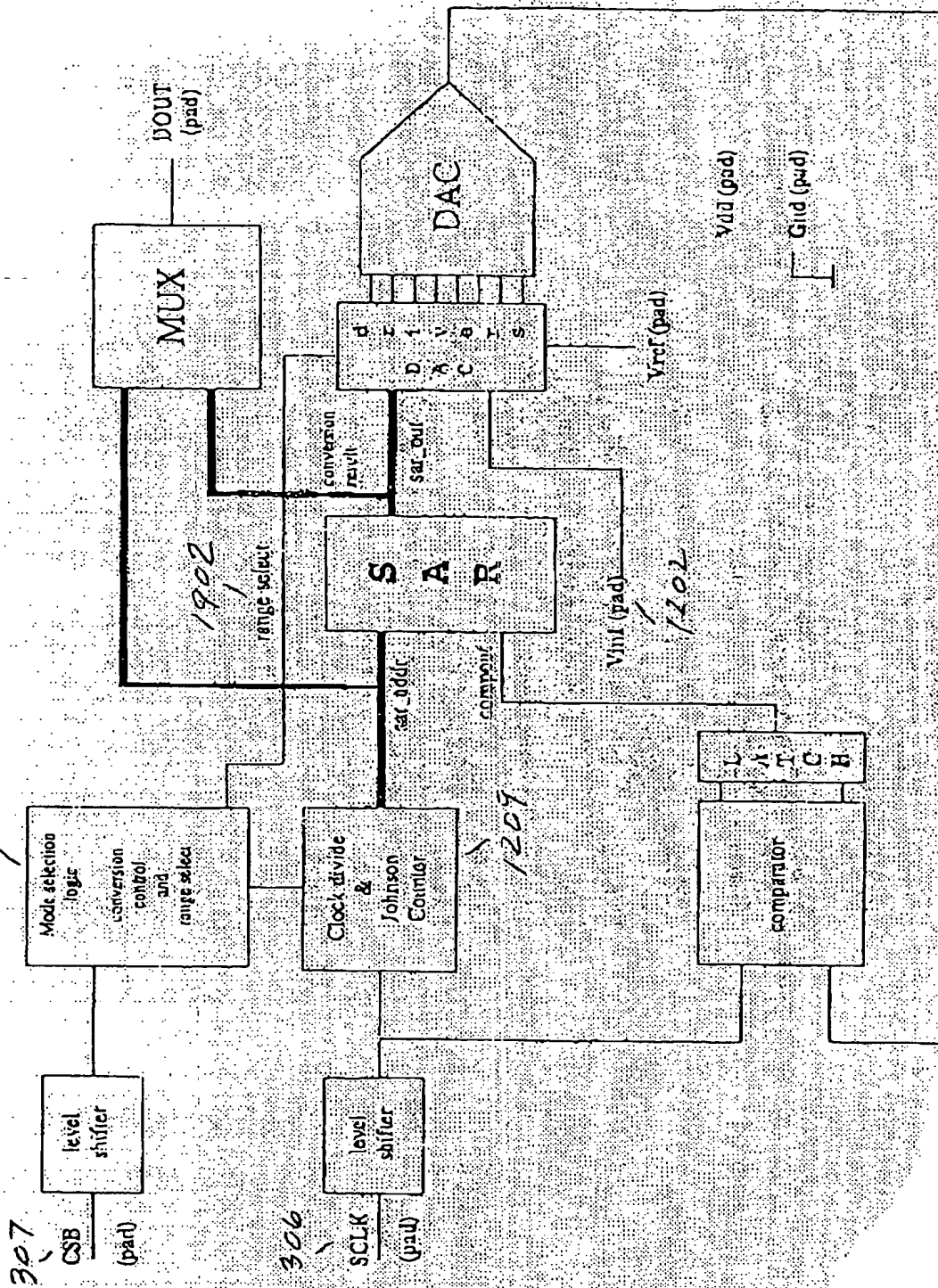


Fig. 19